Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 12 Sep 2021 until 23:59 on Monday 13 Sep 2021

Forecast Issued on Saturday 11 Sep 2021 at 11:12

Confidence: Medium confidence for the detail of cloud cover and rainfall through Sunday but Monday is expected to be the wettest day in the period. There is reasonable confidence for drier conditions through midweek.

Headline for Sunday 12 Sep 2021: Morning sunshine then a rather cloudy day with rain by evening. Becoming breezy.

Mountain weather hazards on Sunday 12 Sep 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Sunny intervals	Cloudy	Light rain	Light rain	Light rain
Precipitation probability							
00%	00%	00%	10%	30%	50%	50%	40%

Forecast for Sunday 12 Sep 2021

Weather: The morning will bring a mix of clear then sunny spells and it should feel pleasant under light winds. Cloud will thicken by late morning with a few light showers developing into the afternoon, but many parts will escape these. Cloud will gradually lower through evening and bring periods of rain, especially across the south. Increasingly breezy too..

Chance of cloud free mountain/hill tops above 600m: 90% falling to 30% through evening.

Visibility: Very good in general with some far reaching views on offer, and generally less hazy than previous days. Areas of cloud will increasingly shroud hills above 500m from late afternoon, these persistent north of Askrigg and east of Wharfedale. Evening rain will also limit visibility on lower slopes.

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Forecast for Sunday 12 Sep 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/14 W	6/9 W	6/9 W	6/9 NW	3/6 N	6/10 NE	9/15 E	11/18 E	10/16 E
300	5/12 W	3/9 W	3/8 NW	5/9 NW	3/6 NW	4/8 N	8/14 E	10/18 E	8/15 E
Valley	3/8 NW	2/4 N	2/4 N	4/7 NW	3/6 N	5/9 NW	4/9 N	8/16 E	8/17 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/7	9/7	8/7	10/8	12/12	12/11	10/8	8/6	8/5
300	11/10	10/10	9/9	13/12	15/14	14/14	12/11	11/9	10/9
Valley	13/12	11/11	10/10	14/14	16/15	16/15	14/14	13/11	12/10
Freezing Level*	2300m	2100m	2000m	2000m	2100m	2100m	2100m	2200m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Be aware of deteriorating visibility from late afternoon as cloud cover lowers. Winds will also increase, likely towards 25mph on the tops by evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 11 Sep 2021	10.2mm	28.8mm	29.4mm

Forecast for Monday 13 Sep 2021

Weather: Wet conditions which will spread from the south through morning leading to a dull, damp feel to the day, not helped by likely extensive cloud cover across higher ground. Southeasterly winds may afford some limited shelter to the northwest foothills, but this may be unreliable. Rain may turn heavy into the evening.

Maximum wind: Southeast 20-25mph.

Chance of cloud free mountain/hill tops above 600m: 20%.

Visibility: Cloud cover will be extensive above 500m through morning, and may be closer to 300m across the east. This, accompanied by drizzly conditions will lead to visibility of only a few hundred meters at times. Heavy rain later in the day will bring poorer visibility to down into the valleys.

Temperature: **Valleys:** Plus 10 Celsius rising to 15 Celsius.
At 600m: Around plus 10 Celsius.
Freezing level: Well above summits.

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